

Safety (MSDS) data for 1,2,4-trimethylbenzene
Safety (MSDS) data for 1,2,4-trimethylbenzene
Safety (MSDS) data for 1,2,4-trimethylbenzene

General

Synonyms: pseudocumene
Molecular formula: C₉H₁₂
CAS No: 95-63-6
EINECS No: 202-436-9

Physical data

Appearance: colourless liquid
Melting point: -43.8 C
Boiling point: 169 C
Vapour density:
Vapour pressure:
Density (g cm⁻³): 0.876
Flash point: 48 C
Explosion limits:
Autoignition temperature:
Water solubility: slightly soluble

Stability

Stable. Incompatible with strong oxidizing agents. Flammable. May form explosive mixtures with air.

Toxicology

Typical STEL 35 ppm. Typical TWA 25 ppm. May be harmful by ingestion, inhalation or through skin contact. Skin, eye and respiratory irritant.

Toxicity data

(The meaning of any toxicological abbreviations which appear in this section is given here.)

ORL-RAT LD50 5000 mg kg⁻¹

IPN-RAT LDLO 2000 mg kg⁻¹

IHL-MUS 8147 ppm acute

IPN-GPG LDLO 1566 mg kg⁻¹

Risk phrases

(The meaning of any risk phrases which appear in this section is given here.)

R36 R37 R38.

Transport information

Personal protection

Safety glasses, adequate ventilation.

[Return to Physical & Theoretical Chemistry Lab. Safety home page.]

This information was last updated on September 5, 2005. We have tried to make it as accurate and useful as possible, but can take no responsibility for its use, misuse, or accuracy. We have not verified this information, and cannot guarantee that it is up-to-date.